

# MONTANA DEPARTMENT OF TRANSPORTATION INVITATION FOR BID (IFB)

(THIS IS NOT AN ORDER)

This solicitation is offered with funding from the American Recovery and Reinvestment Act of 2009, commonly known as the Economic Stimulus Act, and is contingent upon receipt of the funds required for the project.

IFB Number: #HWY-309727-RP

IFB Title:

35-PASSENGER OVER THE ROAD MID-SIZE COACH VEHICLES

IFB Due Date and Time:

SEPTEMBER 9, 2010 2:00 pm, Local Time

Number of Pages: 41

**ISSUING AGENCY INFORMATION** 

Procurement Officer: RICHELE PARKHURST

Issue Date: AUGUST 5, 2010

MONTANA DEPARTMENT OF TRANSPORTATION
PURCHASING SERVICES SECTION
424 MOREY STREET
PO BOX 20437
BILLINGS MT 59104-0437

Phone: (406) 657-0274 Fax: (406) 256-6487 TTY Users, (406) 444-7696

Website: http://gsd.mt.gov/

# **INSTRUCTIONS TO BIDDERS**

Mark Face of Envelope/Package:

IFB Number: #HWY-309727-RP

COMPLETE THE INFORMATION BELOW AND RETURN THIS PAGE WITH YOUR BID AND ANY REQUIRED DOCUMENTS TO THE ADDRESS LISTED ABOVE UNDER "ISSUING AGENCY INFORMATION."

**SEALED BIDS** will be received and publicly opened in the <u>Billings</u> office at <u>2:00</u> pm on <u>September 9, 2010</u>.

Attachments: Certifications

# BIDDERS MUST COMPLETE THE FOLLOWING Federal Tax ID Number: Bidder Name/Address: Authorized Bidder Signatory: (Please print name and sign in ink) Bidder Phone Number: Bidder FAX Number:

**Bidder E-mail Address:** 

IMPORTANT: SEE STANDARD TERMS AND CONDITIONS

BILL TO: DEPT OF TRANSPORTATION PLANNING DIVISION PO BOX 201001 HELENA MT 59620-1001 F.O.B. ADDRESS: DEPT OF TRANSPORTATION LOCATION LISTED HEREIN

Questions may be directed to Adam Kraft at (406) 444-6120 in Helena. However, any changes to the requirements of the Invitation for Bid (IFB) can only be made by the Montana Department of Transportation (Department) in writing, and claimed oral modifications are not valid or binding.

# AMERICAN RECOVERY AND REINVESTMENT ACT

The successful bidder understands and agrees that the State of Montana is not legally bound to commence or continue any contract awarded to the bidder unless the State of Montana has appropriation authority for the federal funds and actual receipt of the funds for this contract under the American Recovery and Reinvestment Act of 2009, Public Law 111-5.

# 1.0. STANDARD TERMS AND CONDITIONS

By submitting a response to this invitation for bid, request for proposal or acceptance of a contract, the Contractor agrees to acceptance of the following Standard Terms and Conditions and any other provisions that are specific to this solicitation or contract.

# 1.1. ACCEPTANCE/REJECTION OF BIDS OR PROPOSALS

The Department reserves the right to accept or reject any or all bids or proposals, wholly or in part and to make awards in any manner deemed in the best interest of the Department. Bids and proposals will be firm for 30 days, unless stated otherwise in the text of the invitation for bid or request for proposal.

#### 1.2. ACCESS AND RETENTION OF RECORDS

The Contractor agrees to provide the Department, Legislative Auditor or their authorized agents, access to any records necessary to determine contract compliance (Mont. Code Ann. § 18-1-118). The Contractor agrees to create and retain records supporting the services rendered or supplies delivered for a period of 3 years after either the completion date of the contract or the conclusion of any claim, litigation or exception relating to the contract taken by the State of Montana or third party.

# 1.3. ALTERATION OF SOLICITATION DOCUMENT

In the event of inconsistencies or contradictions between language contained in the Department's solicitation document and a Contractor's response, the language contained in the Department's original solicitation document will prevail. Intentional manipulation and/or alteration of solicitation document language will result in the Contractor's disqualification and possible debarment.

# 1.4. ALTERNATE BIDS

The Montana Department of Transportation may consider an "alternate" bid, if and only if the "base" bid by the same vendor is low bid, and, if that low bid meets or exceeds all terms, conditions and specifications of the bid package.

"Alternate" bids not falling with this criteria will not be considered.

# 1.5. AMERICAN RECOVERY AND REINVESTMENT ACT

This contract is automatically canceled if federal funds under the American Recovery and Reinvestment Act of 2009, Public Law 111-5, are not appropriated or otherwise made available to support the contract's commencement or continuation of performance.

# 1.6. ANTITRUST ASSIGNMENT CLAUSE

All vendors, Contractors and subcontractors hereby assign to the State of Montana any and all claims or causes of action for any antitrust law violations or damages arising therefrom as to goods, materials and services purchased under the terms of this agreement and any change order that may result from this agreement. This assignment is made on behalf of the vendor, Contractor and all subcontractors, which may be hired or contracted with to furnish goods, materials or services.

# 1.7. ASSIGNMENT, TRANSFER AND SUBCONTRACTING

The Contractor shall not assign, transfer or subcontract any portion of the contract without the express written consent of the Department. (Mont. Code Ann. § 18-4-141)

# 1.8. AUTHORITY

The following bid, request for proposal, limited solicitation or contract is issued in accordance with Title 18, Montana Code Annotated and the Administrative Rules of Montana, Title 2, chapter 5.

# 1.9. BILLING

The State of Montana cannot pay for materials or services in advance. All billing against this purchase order must be made only after completion of receipt of merchandise or services rendered.

# 1.10. COLLUSION PROHIBITED

Prices quoted shall be established without collusion with other Contractors and without attempt to preclude the Department from obtaining the lowest possible competitive price.

# 1.11. COMPLIANCE WITH LAWS

The Contractor must, in performance of work under the contract, fully comply with all applicable federal, state or local laws, rules and regulations, including the Montana Human Rights Act, the Civil Rights Act of 1964, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and Section 504 of the Rehabilitation Act of 1973. Any subletting or subcontracting by the Contractor subjects subcontractors to the same provision. In accordance with section 49-3-207, MCA, the Contractor agrees that the hiring of persons to perform the contract will be made on the basis of merit and qualifications and there will be no discrimination based upon race, color, religion, creed, political ideas, sex, age, marital status, physical or mental disability or national origin by the persons performing the contract.

# 1.12. CONFORMANCE WITH CONTRACT

No alteration of the terms, conditions, delivery, price, quality, quantities or specifications of the contract shall be granted without prior written consent of the Department's Purchasing Section. Supplies delivered which do not conform to the contract terms, conditions and specifications may be rejected and returned at the Contractor's expense.

# 1.13. DEBARMENT

The Contractor certifies, by submitting this bid or proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction (contract) by any governmental department or agency. If the Contractor cannot certify this statement, attach a written explanation for review by the State.

# 1.14. DISABILITY ACCOMMODATIONS

The State of Montana does not discriminate on the basis of disability in admission to, access to, or operations of its programs, services or activities. Individuals, who need aids, alternative document formats or services for effective communications or other disability-related accommodations in the programs and services offered are invited to make their needs and preferences known to this office. Interested parties should provide as much advance notice as possible.

# 1.15. EXCEPTIONS

A prospective Contractor may take "exception" to bid terms, conditions, specifications and dates stated within the bid package. However, the Department reserves the right to disqualify any and all bids submitted which include exceptions, if deemed not in the Department's best interest.

# 1.16. FACSIMILE RESPONSES

Facsimile bids sent directly to the Department of Transportation will not be accepted; however, facsimile bids sent to a 3rd party and then delivered to the Department in a properly addressed, sealed envelope will be accepted.

#### 1.17. FAILURE TO HONOR BID/PROPOSAL

If a bidder/Contractor to whom a contract is awarded refuses to accept the award (PO/contract) or, fails to deliver in accordance with the contract terms and conditions, the Department may, in its discretion, suspend the bidder/Contractor for a period of time from entering into any contracts with the State of Montana.

# 1.18. FORCE MAJEURE

Neither party shall be responsible for failure to fulfill its obligations due to causes beyond its reasonable control, including without limitation, acts or omissions of government or military authority, acts of God, materials shortages, transportation delays, fires, floods, labor disturbances, riots, wars, terrorist acts or any other causes, directly or indirectly beyond the reasonable control of the non-performing party, so long as such party is using its best efforts to remedy such failure or delays.

# 1.19. HOLD HARMLESS/INDEMNIFICATION

Contractor agrees to defend, protect, indemnify and save harmless the State of Montana and Department against and from all claims, liabilities, demands, causes of action, judgments (including costs and reasonable attorney's fees) and losses to them from any cause whatever (including patent, trademark and copyright infringements) from the Agreement and its execution. This includes any suits, claims, actions, losses, costs or damages of any kind, including the State's and Department's legal expenses, arising out of, in connection with, or incidental to the Agreement, but does not include any such suits, claims, actions, losses, costs or damages which are solely the result of the negligent acts, omissions or misconduct of Department's employees if they do not arise out of, depend upon or relate to a negligent act, omission or misconduct of Contractor's employees. The Contractor assumes all responsibility for ensuring and enforcing safe working conditions and compliance with all safety-related rules and regulations for the benefit of its own employees, the employees of any subcontractor and the public. That responsibility includes all duties relating to safety, regardless of whether any such duties are, or are alleged to be, "nondelegable" (e.g., the Montana Safe Place to Work Statute, etc.). This indemnification is expressly intended by the parties to include any claims, liabilities, demands, causes of action, judgments (including costs and reasonable attorney's fees) and losses that are, or are alleged or held to be, based upon a breach by the Department of a nondelegable duty relating to workplace safety for the Contractor's employees, the employees of any subcontractor and the public.

# 1.20. LATE BIDS AND PROPOSALS

Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the Contractor's risk to assure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the Contractor at the expense of the Contractor or destroyed if requested.

# 1.21. PAYMENT TERM

All payment terms will be computed from the date of delivery of supplies or services OR receipt of a properly executed invoice, whichever is later. Unless otherwise noted in the solicitation document, the Department is allowed 30 days to pay such invoices. All Contractors may be required to provide banking information at the time of contract execution in order to facilitate state electronic funds transfer payments.

#### 1.22. PREPARATION OF BIDS

Bids must be written in ink and/or typewritten on bid forms furnished herewith. Erasures and alterations must be initialed by the Contractor in ink. Verbal bids will not be accepted. Facsimile bids sent directly to the Department will not be accepted; however, facsimile bids sent to a third party and then delivered to the Department in a properly addressed, sealed envelope will be accepted. Bid quotations shall be considered firm for 30 days after the date of opening unless otherwise stated in writing within the bid package.

# 1.23. RECIPROCAL PREFERENCE

The State of Montana applies a reciprocal preference against a Contractor submitting a bid from a state or country that grants a residency preference to its resident businesses. A reciprocal preference is only applied to an invitation for bid for supplies or an invitation for bid for nonconstruction services for public works as defined in section 18-2-401(9), MCA, and then only if federal funds are not involved. For a list of states that grant resident preference, see <a href="http://gsd.mt.gov/procurement/preferences.asp">http://gsd.mt.gov/procurement/preferences.asp</a>

# 1.24. REFERENCE TO CONTRACT

The contract or purchase order number MUST appear on all invoices, packing lists, packages and correspondence pertaining to the contract.

# 1.25. REGISTRATION WITH THE SECRETARY OF STATE

Any business intending to transact business in Montana must register with the Secretary of State. Businesses that are incorporated in another state or country, but which are conducting activity in Montana, must determine whether they are transacting business in Montana in accordance with sections 35-1-1026 and 35-8-1001, MCA. Such businesses may want to obtain the guidance of their attorney or accountant to determine whether their activity is considered transacting business.

If businesses determine that they are transacting business in Montana, they must register with the Secretary of State and obtain a certificate of authority to demonstrate that they are in good standing in Montana. To obtain registration materials, call the Office of the Secretary of State at (406) 444-3665, or visit their website at <a href="http://www.sos.state.mt.us">http://www.sos.state.mt.us</a>

# 1.26. REJECTION OF BIDS

The Department reserves the right to reject any and all bids (wholly or in part) which fail to meet the terms, conditions and specifications of the bid package; or, are determined to be not in the Department's best interests; or, for which funding is not available. The Department reserves the right to reject bid proposals, waive technicalities, or advertise for new proposals. Bids will be firm for 30 days, unless stated otherwise in the text of this invitation for bid.

A written or verbal explanation regarding rejected bids may be obtained by contacting the Purchasing Services Section (406) 657-0274 in Billings.

# 1.27. SEPARABILITY CLAUSE

A declaration by any court, or any other binding legal source, that any provision of the contract is illegal and void shall not affect the legality and enforceability of any other provision of the contract, unless the provisions are mutually dependent.

# 1.28. SHIPPING

Supplies shall be shipped prepaid, F.O.B. Destination, unless the contract specifies otherwise.

# 1.29. SOLICITATION DOCUMENT EXAMINATION

Contractors shall promptly notify the Department of any ambiguity, inconsistency or error, which they may discover upon examination of a solicitation document.

#### 1.30. STANDARDS

Products shall be new and unused (unless otherwise stated) and free of known defect.

Bids may contain specific terms, conditions, specifications and brand/model product references. No consideration will be given if a bid response fails to conform to the terms and conditions stated within that bid package. No consideration will be given if the product bid fails to meet or exceed the specifications detailed within the bid package. No consideration will be given if the product bid fails to meet or exceed the design, construction and performance standards, stated or implied, by use of a brand/model product reference.

Brand/model product references are provided solely as a means of establishing a standard of design, construction and performance and should in no way be construed as an attempt to limit competition. Bids for other, equal/brand model products are always welcome.

**Special Brands**, when names, are indicative of the standard of quality desired. Comparable products are acceptable if guaranteed equal. Specifications and descriptive literature must be attached when requested.

# 1.31. TAX EXEMPTION

The State of Montana is exempt from Federal Excise Taxes (#81-0302402).

# 1.32. TECHNOLOGY ACCESS FOR BLIND OR VISUALLY IMPAIRED

Contractor acknowledges that no state funds may be expended for the purchase of information technology equipment and software for use by employees, program participants or members of the public unless it provides blind or visually impaired individuals with access, including interactive use of the equipment and services, that is equivalent to that provided to individuals who are not blind or visually impaired. (Mont. Code Ann. § 18-5-603) Contact the State Procurement Section at (406) 444-2575 for more information concerning nonvisual.

# 1.33. TERMINATION OF CONTRACT

# 49 U.S.C. Part 18 & FTA Circular 4220.1E apply to this contract

- 1.33.1. <u>Termination for Convenience</u>: The Department may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in the Government's best interest. The Contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination.

  The Contractor shall promptly submit its termination claim to the Department to be paid the Contractor. If the Contractor has any property in its possession belonging to the Department the Contractor will account for the same, and dispose of it in the manner the Department directs.
- 1.33.2. <u>Termination for Default</u>: If the Contractor fails to deliver supplies or to perform the services within the time specified in this contract or any extension or if the Contractor fails to comply with any other provisions of this contract, the Department may terminate this contract for default. The Department shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of the default. The Contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner or performance set forth in this contract.

#### 1.34. UNAVAILABILITY OF FUNDING

The contracting agency, at its sole discretion, may terminate or reduce the scope of the contract if available funding is reduced for any reason. (Mont. Code Ann. § 18-4-313 (3))

# 1.35. UNIT PRICE

Unless otherwise specified, the unit price for each line item must be provided in the appropriate space within the bid document. This shall be known as the "base" bid. The unit price for multiple items must be extended to reflect the total price for the quantity of items requested. Unless otherwise specified, the unit price shall prevail.

# 1.36. U.S. FUNDS

All prices and payments must be in U.S. dollars.

#### 1.37. **VENUE**

This solicitation is governed by the laws of Montana. The parties agree that any litigation concerning this bid, request for proposal, limited solicitation, or subsequent contract, must be brought in the First Judicial District in and for the County of Lewis and Clark, State of Montana, and each party shall pay its own costs and attorney fees. (Mont. Code Ann. § 18-1-401)

# 1.38. WARRANTIES

The Contractor warrants that items offered will conform to the specifications requested, to be fit and sufficient for the purpose manufactured, of good material and workmanship and free from defect. Items offered must be new and unused and of the latest model or manufacture, unless otherwise specified by the State. They shall be equal in quality and performance to those indicated herein. Descriptions used herein are specified solely for the purpose of indicating standards of quality, performance and/or use desired. Exceptions will be rejected.

# 1.39. CIVIL RIGHTS REQUIREMENTS

29 U.S.C. § 623, 42 U.S.C. § 2000 42 U.S.C. § 6102, 42 U.S.C. § 12112 42 U.S.C. § 12132, 49 U.S.C. § 5332 29 CFR Part 1630, 41 CFR Parts 60 et seq.

Civil Rights - The following requirements apply to the underlying contract:

(1) Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability.

In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

- (2) <u>Equal Employment Opportunity</u> The following equal employment opportunity requirements apply to the underlying contract:
- (a) Race, Color, Creed, National Origin, Sex In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
- (b) <u>Age</u> In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

- (c) <u>Disabilities</u> In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
- (3) The Contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

# 2.0. THIRTY-FIVE (35) PASSENGER OVER THE ROAD MID-SIZE COACH VEHICLE SPECIFICATIONS

Provide and deliver F.O.B. One (1) location, three (3) 35-Passenger Coaches as specified herein.

# F.O.B. LOCATION

NUMBER REQUESTED

RIMROCK STAGES PO BOX 988 5044 MIDLAND ROAD BILLINGS MT 59103-0988 3

# 2.1. SCOPE

- 2.1.1. The purpose of these specifications is to provide for three (3), 2010 mid-size coaches. These buses will be capable of seating 35 forward facing ambulatory adult passengers and a driver *OR* 27 forward facing ambulatory adult passengers, a driver and two (2) wheelchair positions.
- 2.1.2. The vehicles must include a curb-side wheelchair lift, rear luggage compartment, rear engine and lavatory.
- 2.1.3. The bus shall be designed for urban and interstate transport and to operate for at least 10 years or 350,000 miles.
- 2.1.4. Provide the following vehicle identification:

| Make:  |  |
|--------|--|
| Model: |  |
| Year:  |  |

- 2.1.5. The vehicles must meet all applicable Federal and State Motor Vehicle Safety Standards.
- 2.1.6. The successful bidder shall quick title the vehicles to the purchaser or provide at least a 20 day temporary permit legal in the State of Montana and deliver the vehicles to the location specified in this Invitation for Bid.

# 2.2. GENERAL SPECIFICATIONS

2.2.1. Motor Vehicle Pollution Standards: A certification in writing shall be obtained from the successful bidder that the horsepower of the vehicle is adequate and that exhaust emission standards are met in accordance with Section 15 of the contractual agreement between the State and the recipient nonprofit agency.

- 2.2.2. All motor vehicles shall be new built by American manufacturers, from current production, and shall be in first-class running condition. All parts and accessories, which are required to compose a complete working unit, shall be furnished on each unit whether herein stipulated or not. All equipment catalogued as standard shall be furnished and included in purchase price of the unit.
- 2.2.3. Disadvantaged Business Enterprises: In accordance with Title 49 of the Code of Federal Regulations, Part 23, Subpart D, Section 23.67, Special Provisions for Transit Vehicle Manufacturers, it is a requirement that each vehicle manufacturer must certify compliance with this section as a condition of authorization to bid on transit vehicle purchases, which are utilizing Urban Mass Transportation Administration funds. The certification 80-204 Attachment #2 must be signed by a legally authorized representative of the bidder's firm and returned with the bid.
- 2.2.4. Pre-delivery Service and Inspection: Pre-delivery service and inspection certificates, signed by the manufacturer or the manufacturer's local authorized dealer must be furnished with each unit at no additional cost to the State before payment can be made.
- 2.2.5. Warranty Policy: A signed Warranty of Service Policy, which will be honored at any manufacturer's authorized dealer, must be furnished for each vehicle. The manufacturers or the selling dealer shall pay any charges under warranty other than grease and oil.
- 2.2.6. Parts and service are requested to be available in the State of Montana.
- 2.2.7. All vehicles must conform to current Federal Safety Regulations regarding directional signals and other lighting, reflectors, seat belts, braking systems and include exhaust emission controls.
- 2.2.8. Undercoating: Undercoating will be required on each unit, regardless if specified or not. When undercoating is specified, the under seal must be furnished and applied to all underneath portions of the body and chassis, including underside of fenders. Under seal shall be 1/8 inch in thickness.

# 3.0. MINIMUM TECHNICAL REQUIREMENTS

- **3.1.** Bidders must provide information in all blocks in the "Furnished" columns below. Bidders must provide the information requested in the "Specifications" blocks and/or address the specifications listed in one of the following ways:
  - 3.1.1. State "Yes" which means that the bidder will comply with that particular specification.
  - 3.1.2. State "No" which means that the bidder will not comply with that particular specification.
  - 3.1.3. State "Equivalent" and list any and all equipment to the specification you wish the Purchaser to consider. Any and all equivalent equipment to the specifications <u>MUST</u> be listed.
  - 3.1.4. State "Exception" and list any exception to the specification you wish the Department to consider. Any and all expectation to the specifications MUST be listed.
  - 3.1.5. State the specific information requested in the block (i.e. Wheelbase; 252 inches).

Some "blocks" may require that the bidder provide specific information and also respond as noted in 3.1.1. through 3.1.5. above.

If an explanation will not fit in the "block", then state "See attached Explanation" in the "block". Then attach another sheet for your explanation. The attached sheet must state the specification that you are addressing and the supporting explanation/details (i.e. Section 5.1., #1).

# 4.0. SPECIAL CONDITIONS

# 4.1. APPROVED EQUIVALENT AND EXCEPTION SELECTION

- 4.1.1. Written requests for variations, deviations or approved equal substitutions to the bid shall be accepted, evaluated and answered by the Department.
- 4.1.2. Requests must be supported by evidence such as technical data, test results or other pertinent information that demonstrates that the substitute offered is equal or better than the specification's requirements.
- 4.1.3. The Department reserves the right to determine equivalency. All requests for approved equals/exceptions must be submitted in writing and received by the Department not later than fifteen (15) calendar days following the bid "issue" date.
- 4.1.4. All known bidders shall be informed, via addendum to the original specifications, of those requests determined by the Department to be equal or to exceed the minimum stated specifications a minimum of five (5) calendar days prior to the bid opening.
- 4.1.5. Requests for approved equals should be directed to:

Adam Kraft, Trans-Plan
Department of Transportation
2960 Prospect Avenue
PO Box 201001
Helena MT 59620-1001
Tel: (406) 444-6120

Fax: (406) 444-7671 Email: akraft@mt.gov

# 4.2. APPROVED EQUALS

4.2.1. Note: An APPROVED EQUAL is a request from the bidder offering a unit feature that deviates from specified standards (e.g. a feature quantity is not the level specified, or a design or functional capability is not of the type specified, or where manufacturing or engineering technology has developed a new approach that may use an alternative method differing from the method called for in the specification that meets or exceeds the performance goal specified).

Any non-approved alternates taken from the specified standards contained in the bid will disqualify the bid.

#### **SPECIFICATIONS** 5.0.

#### 5.1. **GENERAL MEASUREMENTS**

geometry turbo

regeneration request switch

- Shall include retarder control and control switch

- Shall include engine after treatment device, automatic over the road regeneration and dash mounted

| <b>SPE</b> | SPECIFICATIONS   |    | FURNISHED                  |  |  |
|------------|--|----|----------------------------|--|--|
| 1.         | Body Exterior Length - 38 feet minimum and 42 feet maximum   | 1. | List body length: Feet     |  |  |
| 2.         | Body Exterior Width - Shall be 102 inches  | 2. |                            |  |  |
| 3.         | Wheelbase - 250" minimum and 260" maximum  | 3. | List wheelbase:Inches      |  |  |
| 4.         | Gross Vehicle Weight - 31,000 pounds GVWR minimum - GVWR must meet or exceed the vehicle weight including all specifications and options   | 4. | List GVWR:Pounds           |  |  |
| 5.         | Frame - Shall be Freightliner XB-75 or equal - Shall be straight rail, shuttle bus type - 114" maximum rear frame overhang - Minimum 19" and maximum 22" integral front frame extension  | 5. |                            |  |  |
| 6.         | <ul> <li>Interior Ceiling</li> <li>Minimum of 78" measured from the floor at the center aisle to the ceiling directly above (excluding floor to a/c evaporator headroom if applicable)</li> <li>Any compromise of the ceiling height exceeding 3" at any point must be listed in the exceptions</li> </ul> | 6. | List ceiling height:Inches |  |  |
| 7.         | Aisle - Width shall be minimum of 16" between seat cushions  | 7. | List aisle width:Inches    |  |  |
| 5.2.       | DRIVETRAIN   |    |                            |  |  |
| SPE        | ECIFICATIONS   | FU | RNISHED                    |  |  |
| 1.         | Engine - Cummins ISB 6.7-300 Diesel or equal - Shall be 300 H/P @ 2600 RPM and 660 LB/FT @ 1600 RPM - Shall be rear mounted - Shall be 2010 EPA/CARB emission certified - Shall include exhaust brake integral with variable   | 1. | Make H/P Torque            |  |  |

| 2. | Transmission - Allison 3000 PTS or equal - Shall be automatic with overdrive, have pushbutton electronic shifter, and have an auxiliary heavy duty transmission cooler  | 2. | List Transmission: |
|----|---|----|--------------------|
| 3. | Front Axle - Shall have an expected axle load of 12,000 lbs   | 3. |                    |
| 4. | Rear Axle - Shall be truck-type, single rear axle with dual rear wheels - Shall be equipped with a final drive axle ratio of 5:13 - Shall have an expected axle load of minimum 19,000 lbs and maximum of 20,000 lbs - Rear axle shall be equipped with Meritor's "Quiet Ride" or equal | 4. | Ratio              |
| 5. | <ul> <li><u>Drive Shafts</u></li> <li>- Drive shafts shall be heavy-duty truck style and shall be completely encircled by a metal guard to control a broken or separated shaft, in accordance to 49 CFR Part 393.89</li> </ul>  | 5. |                    |

# 5.3. CHASSIS EQUIPMENT

**SPECIFICATIONS FURNISHED** Fuel Tank Gallons - A minimum of 90 U.S. gallons - No aftermarket fuel tanks shall be allowed - Access to fuel tank shall be lockable door - Tank shall be steel and located rear, center - Shall be full of fuel at time of delivery 2. Radiator/Coolant System 2. - Shall have heavy-duty extra cooling capacity radiator, water pump, and clutch-type fan - Cooling system to be winterized to -34F - Shall be aluminum and side mounted 3. High/Fast Idle Control 3. - Shall be equipped with a fast idle control - Switch shall be located in the driver's control panel and shall not interfere with vehicle operation **Block Heater** 4. 4. - Shall have an auxiliary engine heater, minimum 750 watt / 115 V block heater with accessible cord Alternator 5. Make - Shall be 270 Amp Leece Neville or equal Amps

| 6.  | Compressors - Shall be dual OEM compressors - Must sufficiently support the OEM and Carrier A/C systems specified  | 6.  | Compressor type(s): |
|-----|--|-----|---------------------|
| 7.  | Batteries - Shall have minimum dual maintenance free, heavyduty batteries with minimum 1520 CCA - Batteries to be stowed in a slide compartment with outside access. The compartment for the batteries must have a sliding tray, must be enclosed on all sides, and secured so no movement can occur. The compartment door must be lockable and hinged.  | 7.  | CCA                 |
| 8.  | Steering, Wheel, and Cruise - Shall be equipped with power-assisted steering, tilt wheel and cruise control - Shall have TRW TAS-65 steering gear or equal   | 8.  |                     |
| 9.  | <ul> <li>Suspension System</li> <li>The entire suspension system shall have a ground load rating equal to or exceeding the vehicle GVWR</li> <li>Shall have minimum 12,000# front air suspension and minimum SACHS front shock absorbers. Front shall be Neway AS 120 or equal.</li> <li>Shall have minimum 20,000# rear air suspension and minimum SACHS rear shock absorbers. Rear shall be Neway ADL or equal.</li> <li>Shall have an auto dump valve for air suspension</li> <li>Shall include front sway bar</li> </ul>   | 9.  |                     |
| 10. | <ul> <li>Brakes</li> <li>Shall have air disc package</li> <li>Front brakes shall be Meritor 15"x4" Cam or equal</li> <li>Rear brakes shall be Meritor 16.5"x"7 Q-Cast Spider cam or equal</li> <li>Must be equipped with Anti-Braking System without traction control, brake line air dryer with heater, auto drain valve and (2) two manual drain valves with pull cord, and an external charging Schrader valve.</li> <li>Shall include a driver's air pressure gauge and bell that would draw attention if low pressure.</li> <li>Shall include an air parking brake</li> </ul> | 10. |                     |
| 11. | <ul> <li>Wheels and Tires</li> <li>Wheels and tires must be of sufficient size and strength to meet GVW rating</li> <li>Wheel size shall be 22.5X8.25,10-Hub Piloted</li> <li>Tire shall be Michelin XZE 275/80R22.5 14 Ply Radial or equal</li> <li>Spare tire and wheel shall be conventional and loose</li> </ul>   | 11. | Tire Type:          |
| 12. | <ul> <li>Exhaust System</li> <li>The exhaust will not interfere with the body panels or rear bumper and exit under rear of vehicle.</li> </ul>   | 12. |                     |

# 5.4. CHASSIS EXTERIOR

SPECIFICATIONS FURNISHED

| 1. | Windshield and Driver Windows - Shall be OE and comply with FMVSS for tint and clarity requirements.  | 1. |  |
|----|---|----|--|
| 2. | Wipers - Shall be electric three-speed with intermittent feature controlled by a switch minimum - Shall have a dual jet washer  | 2. |  |
| 3. | Headlight and Front Turn Signals - Shall have OE headlights with daytime running lights - Shall have two (2) front OE turn signals  | 3. |  |
| 4. | Front Bumper - The front bumper shall be OE standard  | 4. |  |
| 5. | <ul> <li>Chassis Undercoating</li> <li>The chassis shall be undercoated according to manufacturer Qualified Vehicle Modifier (QVM)</li> <li>Undercoating shall be applied at the depth recommended by the undercoating manufacturer</li> <li>Shall be a water based BASF product (BSAF Degacoat 300,310), resin based Poly-Oleum, or equal</li> </ul> | 5. |  |

# 5.5. CHASSIS INTERIOR

| 1. |        | or's Controls                                     | 1. |            |
|----|--------|---|----|------------|
|    |        | include the chassis manufacturer's standard       |    |            |
|    | switch | nes, gauges and controls.                         |    |            |
|    |        | tches and controls added by the body              |    |            |
|    |        | facturer shall be conveniently located on a panel |    |            |
|    |        | left of the operator and shall provide ease of    |    |            |
|    | opera  |   |    |            |
|    |        | tches shall be of the backlit rocker type. Air    |    |            |
|    |        | ioning controls are exempt of this requirement.   |    |            |
|    |        | es shall include (minimum):                       |    |            |
|    |        | OE needle-type fuel tank level gauge              |    | a)         |
|    | b)     | OE needle-type speedometer with odometer          |    | b)         |
|    | ,      | gauge   |    |            |
|    | c)     | OE needle-type amp-meter / voltmeter gauge        |    | c)         |
|    |        | (warming light is acceptable if OE needle-type    |    |            |
|    | 15     | is not available)                                 |    |            |
|    | d)     | OE needle-type oil pressure gauge (warming        |    | d)         |
|    |        | light is acceptable if OE needle-type is not      |    |            |
|    | - \    | available)  |    | ->         |
|    | e)     | OE needle-type engine temperature gauge           |    | e)         |
|    |        | (warming light is acceptable if OE needle-type    |    |            |
|    | t/     | is not available)                                 |    | <b>t</b> \ |
|    | f)     | OE standard headlight on/off indicator and high   |    | f)         |
|    |        | beam indicator                                    |    |            |
|    |        |   |    |            |

|    | <ul> <li>g) OE standard directional signal and flasher action light</li> <li>h) OE standard parking brake warning light</li> <li>i) OE brake air pressure, needle-type gauge</li> </ul>   |    | g)<br>h)<br>i) |
|----|---|----|----------------|
| 2. | Horn<br>- Shall be single   | 2. |                |
| 3. | Radio OE standard AM/FM and compact disk player with a minimum of six (6) speakers for passenger/driver area The unit will be mounted in the dash and within arm's reach of the operator's seat Must have digital tuner and clock         | 3. |                |
| 4. | <ul><li>Sun Visor</li><li>Shall be equipped with a driver's padded adjustable sun visors with center clip</li></ul>   | 4. |                |
| 5. | <ul> <li><u>Driver's Interior Mirror</u></li> <li>Shall be 6" x 16" minimum size</li> <li>All passengers shall be visible in mirror</li> <li>Shall have metal backing, metal frame, rounded rubber corners and protected edges</li> </ul> | 5. |                |
| 6. | <ul> <li>Keys</li> <li>There shall be three (3) sets of keys for the vehicle and accessories</li> </ul>   | 6. |                |

# 5.6. BODY EXTERIOR FEATURES

| 1. | Body Structure  | 1. |  |
|----|---|----|--|
|    | - The body shall have steel cage construction. When       |    |  |
|    | the sidewalls, floor and roof are welded together, they   |    |  |
|    | shall form a continuous "hoop" structure, which is        |    |  |
|    | extremely strong and durable. The body shall be           |    |  |
|    | square, plumb and level before it is installed on the     |    |  |
|    | chassis.  |    |  |
|    | - The sidewalls shall be constructed of 1.5" x 1.5 " 16-  |    |  |
|    | gauge tubular steel studs and corner posts on             |    |  |
|    | maximum 48" centers. A 14-gauge, 1-1/2" x 2"              |    |  |
|    | tubular horizontal stringer shall be welded to the top of |    |  |
|    | the studs. A16-gauge Z-rail shall be welded to the        |    |  |
|    | studs at the bottom of the sidewall. Seat track shall     |    |  |
|    | be welded to the sidewall studs.                          |    |  |
|    | - The roof shall consist of 1.5" x 1.5 16-gauge tubular   |    |  |
|    | steel rafters installed on maximum 48" centers. The       |    |  |
|    |   |    |  |
|    | roof rafters are welded into two 16-gauge steel "U"       |    |  |
|    | shaped sidewall caps. The rafters, in conjunction with    |    |  |
|    | "C" Channel to form a "steel cage" type of                |    |  |
|    | construction.   |    |  |
|    | - The rear wheel housings shall be constructed of         |    |  |
|    | minimum 14-gauge steel. The wheel housings shall          |    |  |
|    | not protrude above the floor more than 6".                |    |  |

|    | - Mud flans will be provided for front and rear tires  |    |               |
|----|--|----|---------------|
| 2. | <ul> <li>Mud flaps will be provided for front and rear tires  Exterior Panels &amp; Finishes  The exterior skin shall be .020 (25-gauge) steel, two sided galvanized. The skin shall be laminated to 1/8" lauan and shall be bonded to the structure using urethane foam insulation. The construction methodology shall provide an exterior skin with no visible fasteners.  The roof skin shall consist of three sheets of galvanized steel, which shall be assembled with a series of "S" locks to form a watertight seal. The roof skin shall continue over the sidewalls and between the windows to create a smooth transition between the roof and the sidewalls.</li> <li>The body shall have a prebaked enamel finish. The basic body color shall be white with a single color stripe. PPG products shall be used, if touch up paint is required.</li> <li>A rub rail, minimum 2" high, shall be applied to each side of the exterior skin, at the floor line, below the window line, and at the seat level of the bus.</li> <li>Flexible black rubber fender skirts shall be provided at the rear wheel housing. Wheels and tires shall be removable with the fender skirts in place.</li> <li>Rain gutters shall be provided over the passenger door. Cross section of the gutter shall be adequate for proper operation.</li> <li>The front and rear bumpers shall be energy absorbing type designed and tested per FMVSS requirements</li> <li>All underbody plywood and steel, with the exception of the drive shaft, catalytic converter, engine, transmission, exhaust system, etc. shall be undercoated to protect against corrosion. The material shall be an abrasive free petroleum asphalt emulsion, formulated with corrosion inhibitors.</li> </ul> | 2. |               |
| 3. | Rear Bumper - The rear bumper shall be energy absorbing and steel  | 3. | Make<br>Model |
| 4. | <ul> <li>Front Passenger Entry Door</li> <li>Shall be electric opening, bi-fold style, outward opening, with an overlapping rubber seal at the meeting edges of the panels and located in front of the right-front tire.</li> <li>Shall be attached to the body with two heavy-duty steel pivot pins with nylon bushings.</li> <li>A heavy-duty bulb seal shall be installed at the top and hinged edge of the door and a brush type seal at the bottom edge.</li> <li>Each door panel shall have an 11-gauge aluminum frame and shall be glazed with a full-height safety glass panel.</li> <li>The door clear opening shall be a minimum of 30" wide by 89" high.</li> </ul>   | 4. |               |

| 5. | <ul> <li>Front Passenger Entry Step-Well</li> <li>Ground to first step shall be a minimum of 10" and a maximum of 12" in height</li> <li>All steps shall be covered with anti-skid, ribbed, molded, rubber tread</li> <li>Step-well shall be heated by an electrical mat and have an on/off switch on the driver's control panel</li> <li>The step wells shall be constructed of 14-gauge steel. All risers shall be of equal height, which shall not exceed 8.5" and minimum of 8.5" tread depth</li> </ul>  | 5. | Ground to First StepInches Step HeightInches Step DepthInches |
|----|---|----|---|
| 6. | <ul> <li>Wheelchair Lift Door</li> <li>Shall be equipped with a 48" minimum, dual panel door that harmonizes with the vehicle body</li> <li>Lift door shall be located curbside and in front of the rear axle</li> <li>Door panel shall consist of an 11-gauge aluminum frame with a composite skin.</li> <li>The lift door shall be in compliance with Federal ADA regulations (minimum door height is measured from door jamb to floor directly below)</li> <li>The door shall be equipped with an exterior handle and lock.</li> <li>Shall be equipped with a door-ajar alarm that will sound when the door is open</li> <li>Each door will have top mounted steel check-style device with minimum, 25# spring to be provided for door so it can be secured in the open position</li> <li>Windows shall be tinted and trim shall be painted in a way that matches the other passenger windows</li> </ul> | 6. |   |
| 7. | <ul> <li>Rear Luggage Door</li> <li>Door shall be located curbside and harmonize with the vehicle body</li> <li>Door panel shall consist of an 11-gauge aluminum frame with a composite skin and equipped with an exterior handle and lock.</li> <li>Door shall have top mounted steel check-style device with minimum, 25# spring to be provided for door so it can be secured in the open position</li> </ul>   | 7. |   |
| 8. | Passenger Windows - Shall be as large as possible and shall be of the full height T-slider type - Shall be glazed with 23% LT tempered glass - Window frame shall be black Flexnar coated Emergency escape provisions shall be in accordance with FMVSS 217 "Bus Emergency Exits and Window Retention and Release" - Minimum of five (5) passenger emergency exit windows will be provided (see floor plan); three (3) e-windows on the street side and two (2) e-windows on the curbside - A quick release, fastening device shall be provided for each emergency exit window  | 8. |   |

| 9.  | <ul> <li>Exterior Mirrors</li> <li>Shall be CTS Roscoe, Lucerix or equal and on the copilot and the driver's side of the vehicle.</li> <li>Mirror heads shall be a minimum of 15" x 8"</li> <li>Shall have two (2) lenses; one flat and one convex</li> <li>Mirror brackets shall be cast and break-a-way style</li> <li>Shall have electric, remote controlled heated glass and adjustments</li> <li>The controls shall be mounted in the driver's control panel, in the dash, or on the driver's door and must not diminish interior appearance</li> <li>Driver shall have a clear and full view of both mirrors</li> </ul>   | 9.  | List Mirrors: Make Model |
|-----|---|-----|--------------------------|
| 10. | Exterior Lights  - Light fixture locations:  a) Passenger Entrance Door: One (1) incandescent light shall be positioned on the exterior of the vehicle and above or left of the door as to provide illumination for the ground in front of the door. Light shall illuminate automatically when the passenger door is in the open position.  b) Wheelchair Lift Door: Shall be two (2) incandescent lights positioned on the outside of the vehicle as to provide illumination for the ground and lift. One (1) low profile light shall be positioned directly above the wheelchair door as to provide illumination for the ground and lift. The following picture is an example:  One (1) light shall be mounted below the door shall be round, minimum of 3 inches diameter, and flush mounted with the body. Both lights will illuminate automatically when the wheelchair door is in the open position.  c) Rear License Plate: A minimum of one (1) incandescent light shall be mounted above the license plate to provide adequate illumination for nighttime operation  d) Backup Lights: Two (2) LED backup lights shall be provided and must provide adequate illumination for nighttime operation  e) Mid-Ship Blinkers: Two (2) LED mid-ship blinkers shall be provided. One (1) blinker shall be mounted on each side of the vehicle | 10. | a) b) c) d) e)           |

|     | <ul> <li>f) Height Clearance: Shall include a minimum of three (3) amber LED clearance lights in the front and three (3) red LED clearance lights in the rear and mounted in compliance with FMVSS 108.</li> <li>g) Brakes: Shall include two (2) LED rear brake lights</li> <li>h) Turn Signals: Shall include two (2) LED rear turn signal lights</li> <li>- All lights shall be mounted securely to the vehicle and wiring must be covered with light cover</li> <li>- All lights shall be non-operation when ignition is off</li> <li>- All lights shall be armored or recessed to prevent breakage</li> <li>- All lights shall be in accordance with all Federal Motor Carrier Safety and Americans with Disabilities Act requirements</li> </ul> |     | f)<br>g)<br>h) |
|-----|--|-----|----------------|
| 11. | License Plate - Provisions shall be made to mount standard size U.S. license plates per SAE J686 on the front and rear of the bus - Shall be direct or recess mounted  | 11. |                |
| 12. | Paint - The entire vehicle body including doors shall be painted in gloss white  | 12. |                |
| 13. | <ul> <li>Front Destination Sign</li> <li>Shall be Luminator or equal, electronic with LED characters.</li> <li>Sign shall be mounted flush with the outside of the vehicle body above the windshield. The dimensions of the front sign shall be 16" X 120" with 8" characters.</li> <li>The driver must be able to change the destination sign while in driver's seat. The switch must be in the driver's control panel and must be within arm reach from the driver's seat. Additional equipment needed to be with the vehicle at the time of delivery is the ODK unit and the up-converter. All necessary hardware and software to run destination signs must be supplied.</li> </ul>  | 13. |                |

# 5.7. BODY INTERIOR FEATURES

| _  | 0. 200  |    |    |  |  |
|----|---|----|----|--|--|
| 1. | Master Control Panel  | 1. |    |  |  |
|    | - Control panel shall operate a minimum of these items:     |    |    |  |  |
|    | <ul> <li>a) Interior overhead and reading lights</li> </ul> |    | a) |  |  |
|    | b) Passenger door open/close actuator                       |    | b) |  |  |
|    | c) Booster pump   |    | c) |  |  |
|    | <ul><li>d) Heat/Air conditioning system</li></ul>           |    | d) |  |  |
|    | e) Passenger entry stepwell heated steps                    |    | e) |  |  |
|    | f) Destination sign   |    | f) |  |  |
|    | g) OEM operator's controls                                  |    | g) |  |  |

|    | - All switches shall be labeled with specific function  |    |                |
|----|---|----|----------------|
| 2. | Back-up Alarm - Shall include back-up alarm connected with back-up lights to produce an intermittent warning sound when reverse gear is engaged   | 2. |                |
| 3. | <ul> <li>Wiring</li> <li>All wiring shall conform to the current applicable standards of the Society of Automotive Engineers and be sufficient size to carry the required current without excessive voltage drop</li> <li>The wiring shall be color coded, function coded or permanently and continuously numbered for identification</li> <li>All added accessories and electrical equipment shall be wired through a constant solenoid energized by the vehicle ignition switch and have a separate circuit braking system. All accessories will shut off when the key is shut off.</li> <li>All wiring must be continuously loomed</li> <li>All switches and wiring circuits shall be protected with circuit breakers and/or fuses and properly labeled for identification</li> <li>A fuse panel shall be conveniently accessible for service from inside the bus. The door for access shall be a sliding panel. A legend shall be posted inside the panel, which shall correspond with the components.</li> </ul> | 3. |                |
| 4. | Ceiling Vents/ Escape Hatch  - There shall be two (2) Specialty Manufacturing Inc. (SMI) Model 1070 or equal  - Shall be dual purpose roof vent with adjustable fresh air ventilation and release handle permitting operation as an emergency exit  - Hatches shall be evenly centered in passenger area  | 4. | Brand<br>Model |
| 5. | <ul> <li><u>Driver's Storage</u></li> <li>Shall have a minimum of one (1) locking storage compartment. This capacity must be large enough to store the fireproof blanket, driver's coat, first aid kit and body fluid kit.</li> </ul>   | 5. |                |
| 6. | <ul> <li>Driver's Seat and Belt</li> <li>Shall be high-back air-suspended, RECARO ERGO C Model or equal</li> <li>Features shall include: wide back, adjustable lumbar, indefinitely adjustable back, fore/aft adjustment, 3 point lap belt, and front adjustable flip up armrests</li> <li>Certified shoulder and lap seat belt with automatic retractor shall be provided</li> <li>Cover shall be standard black fabric</li> <li>Seat shall not void any manufacturer warrantees</li> </ul>  | 6. | Make<br>Model  |

| 7.       | Passenger Seats   | 7. | Make                |
|----------|---|----|---------------------|
|          | - Shall include thirteen (13), two-passenger (double)         |    | Model               |
|          | and one (1) single stationary seats and four (4),             |    |                     |
|          | two-passenger (double) flip and slide (fore/aft)              |    | List Seat Covering: |
|          | seats that are the Freedman model "Patriot" or                |    | g.                  |
|          | <b>equal.</b> The flip and slide seats, slide in floor tracks |    |                     |
|          | that are secured with a locking mechanism operated            |    |                     |
|          | by a foot pedal. The flip and slide seats shall be            |    |                     |
|          | located at the designated wheel chair positions. Seat         |    |                     |
|          | configurations are listed in the FLOOR PLAN section.          |    |                     |
|          | - All seats shall be installed in seat track with matching    |    |                     |
|          | floor color rubber covering. Seat track shall run the         |    |                     |
|          | entire length of the passenger area.                          |    |                     |
|          |   |    |                     |
|          | - All passenger seats shall be covered in Freedman            |    |                     |
|          | LaFrance Mills Level 6 fabric or approved equal.              |    |                     |
|          | Seat color shall be #553 Web Pastel.                          |    |                     |
|          | - Standard seat features shall include: 15 degree             |    |                     |
|          | reclining feature, easy to use fold down aisle arm,           |    |                     |
|          | stationary window arm, conveniently located recliner          |    |                     |
|          | buttons and levers, molded contoured back foam with           |    |                     |
|          | side bolsters and full lumbar support, molded seat            |    |                     |
|          | cushion with leg support and side bolster, 16-point           |    |                     |
|          | hand tied "spiral spring" grid seat suspension system         |    |                     |
|          | for long life and exceptional comfort, Knee Saver back        |    |                     |
|          | design for increased hip-to-knee room, powder coated          |    |                     |
|          | frames and legs   |    |                     |
|          | - Seats options shall include: aisle side sliders,            |    |                     |
|          | mesh map pockets, seat belts, footrests, and                  |    |                     |
|          | center arm  |    |                     |
|          | - Shall have a High Back. Back cushion height shall be        |    |                     |
|          | minimum 27 inches (measured from the top of the               |    |                     |
|          | seat cushion). Back cushion height shall be minimum           |    |                     |
|          | 44 inches (measured from the top of the back cushion          |    |                     |
|          | to the floor).  |    |                     |
|          | - Standard seat cushion width shall be minimum 18.5           |    |                     |
|          | inches (single) or 40 inches (double).                        |    |                     |
|          | - Hip-to-knee room shall be a minimum of 28 inches            |    |                     |
|          | (measured from the front of one seat back horizontally        |    |                     |
|          | across the highest part of the seat to the seat or panel      |    |                     |
|          | immediately in front).  |    |                     |
|          | - Foot room shall be a minimum of 12 inches                   |    |                     |
|          | (measured at the floor forward from a point vertically        |    |                     |
|          | below the front of the seat cushion to an obstruction         |    |                     |
|          | such as the driver barrier).                                  |    |                     |
|          | - Seating shall meet or exceed every applicable               |    |                     |
|          | FMVSS including 210 (seat belt certification test).           |    |                     |
|          | - All seats shall be manufactured to provide substantial      |    |                     |
|          | weight reduction while retaining safety standards.            |    |                     |
|          | - All upholstery shall be pull-down style, and shall be       |    |                     |
|          | held in place with the Freedman "EZ" cover system.            |    |                     |
|          | No special tools shall be needed to remove or replace         |    |                     |
|          | covers.   |    |                     |
| <u> </u> |   |    |                     |
| 8.       | Passenger Seat Belts  | 8. | Brand               |
|          | - One (1) set of retractable seat belts shall be provided     |    | Model               |
|          | for each passenger  |    |                     |

Passenger belts shall be a minimum of 40 inches length and shall be USR (Under Seat Retractor) - Four (4) seatbelt extensions, at the length of 12 inches each shall be provided. Seatbelt extensions shall be applicable with all passenger seating belts. Grab Rails, Stanchions, and Modesty Panels - The passenger entry shall be equipped with a left and right side grab rail with a minimum of 1 to 1.5 inches finger clearance. The right side grab rail may require a floor to ceiling stanchion. The grab rails shall be in a configuration which allows persons with disabilities to grasp such assists from outside. Grab handles mounted to the passenger entry door are not acceptable. - A modesty panel and stanchions shall be provided to the left of the passenger entry and in front of the first row of curbside passenger seats - A modesty panel and stanchions shall be provided directly behind the driver's seat and in front of the first row of street side passenger seats. This divider shall include a tinted Plexiglas upper that will act as a safety barrier (see following picture for example of Plexiglas upper): - All modesty panels shall be vinyl-clad and extend a minimum of 28" and a maximum of 32" above the floor - All modesty panels shall to be 0.75" thick and covered with white Formica - The entire perimeter edge of all of the modesty panels shall be covered with a color coordinated plastic trim - All modesty panels shall be framed by stainless steel stanchions and crossbars 10. 10. Lavatory - Shall include a module chemical flush, recirculation type lavatory suitable for buses with LED lighting, a stainless sink basin and toilet bowl, lock activated occupancy indicator light, trash receptacle,

wet towel dispenser, laminated septic tank made of fiberglass, ventilation fan on timer, securely mounted grab handle for passenger stability assistance, and a fresh air vent. Recommended model, Thetford Electra Magic or equal. The model shall not require a separate waste holding tank nor a connection to a water supply line. The toilet shall be charged with clean water and toilet additive. The pump will recycle the fluid and solids will be collected by a double filter system. The double filter system will take away any risk of obstruction. Shall include an easy to read level indicator that signals the initial charge level and warns when the waste tank is almost full. Shall include a valve underneath the vehicle that can be opened to evacuate the waste at an authorized disposal point.

- Following picture is an example:



# 11. Overhead Storage

 Shall be equipped with airplane style overhead storage compartments on the interior of the bus above the passenger seats

- Shall include latching doors (see following picture)



11.

| 12. | Rear Luggage Compartment                                    | 12. | Dimensions            |
|-----|---|-----|-----------------------|
|     | - A rear luggage compartment with exterior lockable         |     |                       |
|     | access door shall be provided                               |     |                       |
|     | - Shall be approximately 96.5" wide x 24.5 deep" (See       |     |                       |
|     | Floor Plan)   |     |                       |
|     | ,   |     |                       |
| 13. | Back Wall   | 13. |                       |
|     | - The back wall shall have a 1.5" x 1.5" 16 gauge           |     |                       |
|     | tubular steel frame, reinforced with 16-gauge "C"           |     |                       |
|     | channel. A section of 16-gauge "Z" channel shall be         |     |                       |
|     | welded to the bottom of the back wall.                      |     |                       |
|     |   |     |                       |
| 14. | <u>Floor</u>  | 14. | Brand                 |
|     | - The floor frame shall be constructed of 11-gauge, 2-x     |     | Model                 |
|     | 2.8 x 2 " channel cross members, on a maximum 24"           |     |                       |
|     | center, with an outer 14-gauge angle steel impact rail.     |     | Will the Floor Extend |
|     | 11-gauge, 4" wide flat steel shall be provided to           |     | Up the Side Walls as  |
|     | support the floor track. The floor frame shall be           |     | Specified?            |
|     | secured to the chassis frame in accordance with             |     | ☐ Yes ☐ No            |
|     | chassis manufacturer's requirements.                        |     |                       |
|     | - The floor shall be essentially a continuous flat plane,   |     |                       |
|     | except at the stepwells, fuel fill cover and wheel          |     |                       |
|     | housings.   |     |                       |
|     | - The subfloor shall be mounted with Tek screws             |     |                       |
|     | installed into the steel floor frame and shall be a         |     |                       |
|     | minimum 5/8" thick, CCX-PTS plywood or marine               |     |                       |
|     | grade equivalent.   |     |                       |
|     | - The floor covering shall be a one-piece seamless          |     |                       |
|     | design with a 0.024 (minimum) aluminum vapor                |     |                       |
|     | barrier laminated or glued to the bottom of the floor.      |     |                       |
|     | Vapor barrier seams must be locked together.                |     |                       |
|     | - The entrance area (excluding step-well), center aisle,    |     |                       |
|     | passenger area and wheelchair placement stations            |     |                       |
|     | shall be overlaid with Meta 2.2mm Altro Transflor           |     |                       |
|     | minimum or approved equivalent (carpet is not               |     |                       |
|     | acceptable).  |     |                       |
|     | - Floor color shall be genome (grey)                        |     |                       |
|     | - The flooring will extend up the side walls to the         |     |                       |
|     | seat mounting brackets or the bottom of the seat            |     |                       |
|     | cushion   |     |                       |
|     | - Heat welding shall permanently seal seams and joints      |     |                       |
|     | - All step edges shall have a band of bright contrasting    |     |                       |
|     | color (yellow) running the full width of the leading        |     |                       |
|     | edge.   |     |                       |
|     | - All openings in the floorboards, firewall, and trim shall |     |                       |
|     | be sealed   |     |                       |
|     | - Body shall be thoroughly water tested and made tight      |     |                       |
|     | to prevent leakage  |     |                       |
|     | ·   |     |                       |
| 15. | Interior Trim   | 15. |                       |
|     | - Interior ceiling panels shall be constructed of vinyl-    |     |                       |
|     | clad Carlsbad luaun panels. H-rail and screws along         |     |                       |
|     | the seams retain the ceiling panels. Trim molding           |     |                       |
|     | covers the seams and fasteners.                             |     |                       |
|     | - Interior sidewall panels are Vinyl-clad Carlsbad luaun    |     |                       |
|     | panels.   |     |                       |

|     | The panel is held in place at the lower edge by J-rail and at the top edge by the window trim ring.  Pushpins secure the panel to the sidewall stud.  - All surfaces and items of hardware in passenger compartment having sharp edges, corners, or angles shall be padded with a heavy-duty vinyl-covered energy absorbing material for safety  - All interior trim shall match OEM material and colors shall harmonize throughout the vehicle  - All materials must be flame resistant and meet FMVSS 302.  |     |          |
|-----|---|-----|----------|
| 16. | <ul> <li>Interior Lights</li> <li>Interior passenger light fixture locations include: <ul> <li>a) One (1) overhead passenger entry light and two (2) entry step-well lights (one on each side of the step-well). These lights shall illuminate automatically when door is opened.</li> <li>b) A minimum of one (1) personal reading light per each seat position. The seat occupant will have control of the light on/off function. <ul> <li>Lighting shall be low profile and integrated into the bottom of the overhead storage compartment.</li> <li>c) The passenger area shall have overhead track lighting running on both sides of the aisle and the entire distance of the passenger area</li> </ul> </li> <li>A power on/off shall be available to the driver for the overhead passenger track lights</li> <li>Lights shall not interfere or be obstructed by overhead storage racks and contents</li> </ul> </li> </ul> | 16. | a) b) c) |
| 17. | <ul> <li>Insulation</li> <li>Inside walls, ceiling and firewall area to be adequately insulated with fire resistant non-hygroscopic material</li> <li>Minimum 1/2" thick foam insulation shall be sprayed between the exterior skin and the interior panels. Insulation shall be moisture proof and have excellent thermal and acoustic insulating characteristics.</li> <li>No part of the roof structure is to have gaps where no insulation is present. Insulation MUST cover all areas of the roof.</li> <li>Air drafts during normal operation are not acceptable</li> </ul>   | 17. |          |

#### 5.8. **INTERIOR CLIMATE CONTROL**

**SPECIFICATIONS** 

2.

Front Dash Heating 1. - Shall be equipped with OE in-dash heating
- Shall be minimum of four-speed fan type minimum **Auxiliary Heaters** 

| - The passenger area shall be equipped with a    |
|--|
| minimum of two (2) auxiliary, under seat or wall |
| mounted, heaters.                                |

**FURNISHED** 

|    | Minimum of 65,000 BTU/HR-IMACA per each unit  One (1) heater shall be mounted underneath the seventh row of stationary seats on the curbside of the vehicle and one (1) heater shall be mounted underneath the third row of stationary seats on the street side of the vehicle (See Floor Plan).  Heaters shall not interfere with the operation of the vehicle (especially the lift) or passenger movement  If heater lines are installed on the exterior of body they must insulated.  |    |   |
|----|--|----|---|
| 3. | <ul> <li>Heat Circulation Pump</li> <li>A booster pump shall be installed to help circulate water through the heating system.</li> <li>If pump is mounted inside the vehicle then a protective covering is required. If the pump is mounted outside the vehicle then all the water lines are required to be insulated.</li> <li>Pump on/off control shall be mounted in the driver's master control panel. The booster pump switch is not required if the booster pump operates automatically.</li> </ul>  | თ. | Booster Pump Location: Inside Vehicle Outside Vehicle |
| 4. | <ul> <li>Front Dash Air Conditioning</li> <li>In-dash air conditioning unit shall be OE and a minimum of 15,000 BTU/HR-IMACA</li> <li>System shall operate in conjunction with the heater/defroster system and share the same vent system</li> <li>Shall be minimum of four-speed fan type and operate on R134A only</li> </ul>  | 4. |   |
| 5. | Rear Air Conditioning System  The air conditioning system shall consist of one (1) Carrier EM-7 front mounted ceiling evaporator (35,000 Btu/hr – IMACA), Carrier EM-3 rear mounted ceiling evaporator (90,000 Btu/hr – IMACA), two (2) Carrier CM-3 condensers, and two (2) OEM compressors  Total Carrier A/C system cooling capacity shall be minimum of 104,000 BTU/HR IMACA  The vehicle shall also have an OEM in-dash evaporator air conditioning system that is stand- alone from the Carrier system.  The Carrier air conditioning system shall be tied- in together with one control. The OEM chassis, in-dash air conditioning system shall be on a separate control.  Total system must have sufficient cooling capacity for vehicle size.  Condensers shall be copper tube, aluminum fin coil type with high pressure switch, filter/dryer and sight glass. | 5. |   |

- The evaporators drain pan is to be insulated and pressurized to insure condensate removal. The coil is to be constructed of internally enhanced copper tubes, with aluminum fins expanded into coated steel end plates. The unit's expansion valve must be equipped with o-ring fittings to insure leak-free continuous operation. The unit must operate on the non-ozone depleting refrigerate of R-134A (R-22, R-12 or blended Freon is not acceptable). - Refrigerant hoses shall be double braided polyester yarn with nylon liner and are qualified to SAE specification J-2064 Type- D or E. - Refrigerant fittings shall be Quick Click, double o-ring utilizing one-piece clamping system. - All refrigeration lines that enter the passenger compartment shall be encased in a rigid material, fiberglass, aluminum, etc., that harmonizes with interior to prevent injury to passengers in the event of line eruption. - All air conditioning hoses and wires that pass within twelve (12) inches of exhaust system shall be shielded in a manner to prevent heat damage - Passenger area air conditioning system shall be separately controlled from the master control station at the driver's position with an off/low/high (minimum) blower switch. - All electric relays, fuses and circuit breakers shall be located in one location inside vehicle for reliability and ease of repair. All electric relays, fuses and circuit breakers shall be protected with breakers. - When the ignition system is turned off, the rear air conditioning system shall be automatically shut down - The successful bidder shall certify that the air conditioning and heating system is adequate for the vehicle being provided. - The successful vendor must certify as part of the bid package in writing that the wiring for the air

#### 5.9. WHEELCHAIR LIFT AND RESTRAINMENT DEVICES

conditioning circuits is adequate to withstand the

transient loads expected.

**SPECIFICATIONS FURNISHED** Lift Type Brand - Shall be equipped with a Braun UVL-855SM Model 403/404 Series platform lift or approved equal - The lift platform shall allow for mobility aid users and inboard and outboard facing wheelchairs - Lift must be compliant with Federal Motor Vehicle Safety Standard 403 2. Lift Location 2. - Lift to be mounted on the curb-side and in front of the rear axle

| 3. | Capacity and Static Load   | 3. | Lift Max Capacity: |
|----|--|----|--------------------|
|    | - Shall have minimum of 750 pound rating lift capacity   |    | Pounds             |
|    |  |    |                    |
| 4. | Operational Features  The platform shall be fully automatic when folding Platform must have the capability to be manually released without wrenches in case of failure of the automatic store assembly The lift shall be capable of operating in a temperature range of -30 and +110 F Lift controls shall provide appropriate mechanisms to ensure that the vehicle cannot be moved when the lift is not stowed and so the lift cannot be deployed unless the interlock is engaged. The lift to be powered once the following parameters have been met:  a) Lift power switch to be engaged (lift switch will be dash mounted and will conform in appearance with other vehicle switches) b) ADA doors must be in the open position c) Parking brake must be set (engaged) d) Lift power to be engaged e) Vehicle must have the shift selector in the park ("P") position | 4. | a) b) c) d) e)     |
| 5. | <ul> <li>Power / Hydraulic System</li> <li>The power supply shall be a 12 volt electro-hydraulic system operating two single-acting cylinders</li> <li>The hydraulic power pack system shall be of modular design allowing for easy removal and field replacement</li> <li>The power operation of the hydraulic cylinders shall be of a pull-type design for improved synchronous arm movement</li> <li>The hydraulic system shall be regulated by two separate relief valves, one (1) of which is designed to prevent accidental stowing when occupied</li> </ul>   | 5. |                    |
| 6. | <ul> <li>Platform Construction</li> <li>The platform lift shall have a minimum usable wheelchair passageway width of 31 inches and a minimum usable length of 48 inches</li> <li>The wheelchair lift must be of heavy-duty frame design concealing all elements of power drive</li> <li>The platform shall be of steel construction and the surface shall be of see-through grating allowing for improved visibility and safer use in inclement weather</li> <li>All sliding surfaces and load bearing surfaces must be constructed with sealed roller or sleeve bearing with adequate protection to prevent exposed greasy surfaces</li> <li>The sides of the platform shall be a minimum of 2.5 inches high</li> <li>The platform entrance ramp shall be constructed from extruded aluminum, have a rubber leading edge and have raised ribs for traction</li> </ul>     | 6. |                    |

|     | <ul> <li>The base plate shall be a corrugated to provide rigidity and minimize lift deflection when placed under load</li> <li>The pivot pins in the trunnion (knuckle) of the pivot arms shall be of stationary design</li> <li>The outer barrier shall be hydraulically activated and must be in the vertical (deployed) position prior to platform movement.</li> <li>The outer barrier shall be interlocking complying with FMVSS 403 requirements</li> <li>The lift shall be chain or cable driven</li> <li>The lift must have a failsafe system to prevent stowing if solenoid welds</li> <li>The lift platform shall have a non-slip reinforced floor capable of carrying small or balloon tire wheelchairs</li> <li>The lift must have a fail-safe release which is capable of releasing the drive mechanism upon striking the ground or an object.</li> <li>All lift components shall be finished with a bake-on powder coating providing corrosion resistance</li> </ul> |     |  |
|-----|--|-----|--|
| 7.  | Hand Control     The hand control for lift operation shall be of a one-hand operation design made of durable plastic     The hand control will provide the user with illuminated functions     The hand control cable shall be coiled with quick-change connections for ease of maintenance or field change  | 7.  |  |
| 8.  | Interlock System - The vehicle will have the Intelligent Lift Interlock system or approved equal - The system shall inform the driver that the interlock system is working properly  | 8.  |  |
| 9.  | <ul> <li>Back-Up System</li> <li>A manual back-up system shall be provided to ensure operation of the lift in case of electrical failure</li> <li>The back-up system shall provide a reliable means of manually raising and lowering the lift while occupied</li> <li>The back-up system shall fold and unfold the platform</li> <li>The back-up pump shall be integrated with the hydraulic power pack system such that no hydraulic lines or fittings are required</li> <li>The drive mechanism must have a positive up stop that can be overridden without causing damage to vehicle or lift.</li> </ul>  | 9.  |  |
| 10. | Safety Features  - The platform shall have a "built in" (not auxiliary) lighting that meets FMVSS 404 requirements  - The platform shall have a double activated safety guard system to facilitate loading and unloading and prevent roll-off while lift is in use.  | 10. |  |
|     |  |     |  |

| 11. | <ul> <li>Installation</li> <li>The unit shall operate smoothly in both upward and downward directions</li> <li>The lift shall allow easy removal of the lift and shall be readily accessible for repair and maintenance</li> <li>The platform shall be level when deployed vertically</li> <li>When in the stored position the lift should not rattle when vehicle is in operation</li> <li>Installation shall not require alterations that diminish the structural integrity of the vehicle</li> </ul>  | 11. |  |
|-----|--|-----|--|
| 12. | <ul> <li>Wheelchair Restraint Track</li> <li>Street-side: <ul> <li>a) Four (4) pieces of "L" track shall be mounted on the floor, on the street side of the vehicle, beginning behind the fourth row of stationary passenger seats and running continuously to the rear wall of the vehicle (See Floor Plan).</li> <li>b) One (1) piece of "L" track shall be mounted on the wall, above the windows, on the street side of the vehicle, beginning behind the fourth row of stationary passenger seats and running continuously to the rear wall of the vehicle. Wall mounted track shall be used for the shoulder harness / lap belt restraint. (Two (2) 6" minimum strips of "L" mounted securely will be acceptable if the other option is not possible)</li> </ul> </li> <li>All track must be Sure-Lok "L" Fitting Series or approved equal</li> <li>All track must be mounted flush with the surface material and must meet ADA wheelchair placement requirements</li> </ul> | 12. | a) b) List Type of Track: Brand Model            |
| 13. | Wheelchair Restraints - Certified restraints shall be provided for two (2) wheelchair occupants. Sets shall include: a) Two (2) sets of retractable wheelchair restraints shall be Sure-Lok Retractor Model FF627S-4C or approved equal b) Two (2) integrated lap belts shall be Sure-Lok Model FE200842 or approved equal c) Two (2) non-retractable shoulder belts Sure-Lok Model FE200732 or approved equal d) Two (2) storage containers Sure-Lok Model FE200746 or approved equal and secured to the wall adjacent to each wheelchair station - All restraints shall be adjustable to accommodate all wheelchair types - All restraints must meet ADA placement requirements - All restraints shall be of sufficient strength to retain an occupied wheelchair load of 5,000 pounds under crash conditions  | 13. | List make and model of restraints:  a)  b) c) d) |

# 5.10. SAFETY AND OTHER EQUIPMENT

| SPE | CIFICATIONS  | FURNISHED |                         |  |
|-----|--|-----------|-------------------------|--|
| 1.  | First Aid Kit - A 36-passenger first aid kit shall be provided   | 1.        |                         |  |
| 2.  | Body Fluid Kit - Shall have a body fluid kit that meets OSHA and CDC standards. Kit must include:  a) Metal or plastic mountable box b) Disposable gloves c) Disposable face masks d) Disinfectant cleaner e) Paper towels f) Absorbent liquid spill control powder g) Biohazard bags h) Plastic scoop (optional)  | 2.        | a) b) c) d) e) f) g) h) |  |
| 3.  | Belt Cutter - Shall have Q'Straint Model Q5-7590 or equal  | 3.        |                         |  |
| 4.  | Fire Extinguisher  - A ten (10) pound rechargeable type ABC rate fire extinguisher with metal head shall be provided  - Must be securely mounted in vehicle interior in readily accessible position.  There will be two (2) metal mounting brackets that will be used to secure the fire extinguisher; one (1) on the neck and the other on the body.                  | 4.        |                         |  |
| 5.  | Fireproof Blanket - Shall have a fireproof utility blanket and storage case or bag   | 5.        |                         |  |
| 6.  | Triangle Reflector Kit - Shall have a disabled vehicle-warning device  | 6.        |                         |  |
| 7.  | <ul> <li>Vehicle Height Designation</li> <li>A sign mounted or lettering above driver's area stating the outside height of the vehicle shall be provided</li> <li>Lettering shall be a minimum of two (2) inches in size</li> </ul>  | 7.        |                         |  |
| 8.  | Emergency Exit Signage - All emergency exit windows, doors and escape hatches shall be marked with instructions for proper use   | 8.        |                         |  |
| 9.  | ADA Accessibility Guidelines - Required Signage - Vehicle shall have all decals to meet ADA requirements including priority seating and wheelchair location signage. Refer to section §1192.27, Priority seating signs:  a) Each vehicle shall contain sign(s) which indicate that seats in the front of the vehicle are priority seats for persons with disabilities, | 9.        | a)                      |  |

|     | and that other passengers should make such seats available to those who wish to use them. At least one set of forward-facing seats shall be so designated.  b) Each securement location shall have a sign designating it as such. The international wheelchair accessibility symbol is acceptable.  The vehicle shall have a minimum of two (2) decals showing that the vehicle is wheelchair accessible. The international wheelchair accessibility symbol is depicted as sign D9-6 in the "Manual of Uniform Traffic Control Devices" published by the Federal Highway Administration.  Decal size and location:  c) Right corner of the hood; 4" x 4" minimum d) Center of the wheelchair sliding door; 9" x 9" minimum |     | b) c) d) |
|-----|--|-----|----------|
| 10. | Railroad Crossing Designation  - Lettering shall be on the exterior rear of bus stating "BUS STOPS AT ALL RAILROAD CROSSINGS"  - Lettering shall be black in color and a minimum of 2" in size   | 10. |          |
| 11. | <ul> <li>Perimeter Marking</li> <li>The entire rear perimeter of the bus body shall be outlined with strips of reflective NSBY material. The strips will be at least 1.75" in width and white in color. The red/white reflective material will not be accepted. The material must conform to the requirements of FMVSS 571.131.</li> <li>The perimeter of the emergency exits shall be outlined with strips of reflective NSBY material. The strips will be at least 1.75" in width and white in color. The red/white reflective material will not be accepted. The material must conform to the requirements of FMVSS 217.</li> </ul>   | 11. |          |

# 5.11. INFORMATION TO BE FURNISHED AT DELIVERY (PER EACH VEHICLE)

INFORMATION FURNISHED

| 1. | Equipment Manuals  | 1. |    |  |
|----|--|----|----|--|
|    | - All of the following items must be located in a three (3)        |    |    |  |
|    | ring binder:   |    |    |  |
|    | <ul> <li>a) Wiring diagram for the wheelchair lift, air</li> </ul> |    | a) |  |
|    | conditioning and other auxiliary equipment                         |    |    |  |
|    | b) Chassis repair and parts manual                                 |    | b) |  |
|    | c) Vehicle Body (If applicable)                                    |    | c) |  |
|    | <ul> <li>d) Air conditioning system repair and parts</li> </ul>    |    | d) |  |
|    | manual   |    |    |  |
|    | e) Wheelchair lift repair and parts manual                         |    | e) |  |
|    | f) Vehicle Options manuals (If applicable)                         |    | f) |  |
|    | - The lift manual(s) shall cover warranty, installation,           |    |    |  |
|    | operation, service and maintenance procedures                      |    |    |  |
|    |  |    |    |  |
|    |  |    |    |  |

|    | - The lift manual will include a trouble-shooting guide  |    |                                  |
|----|--|----|----------------------------------|
|    | Line Section Cheet   |    |                                  |
| 2. | <u>Line Seating Sheet</u> - Manufacturers line setting sheet for each vehicle body and chassis   | 2. |                                  |
| 3. | Warranty - Vendor shall provide this information with the bid:  a) A list of local authorized specialists that can conduct warranty work for the body, chassis, wheelchair lift, air conditioning system and all other auxiliary equipment. List shall be attached to bid.   | 3. | a)                               |
|    | b) A description of warranties including time and mileage limits  - Vendor shall provide these services prior to delivery:   |    | b)                               |
|    | <ul> <li>c) Activate all warranties (warranties are to be activated in the name of the receiving agency and not the MT Department of Transportation).</li> <li>- Vendor shall provide these services at time of delivery:</li> </ul>   |    | c)                               |
|    | <li>d) A letter stating the warranties start dates and mileage</li>  |    | d)                               |
|    | <ul> <li>e) Warranty papers for the chassis, wheelchair lift,<br/>air conditioning system and all other auxiliary<br/>equipment</li> </ul>   |    | e)                               |
|    | <ul> <li>f) An outline of the procedure involved in the<br/>fulfillment of warranty work</li> </ul>  |    | f)                               |
|    | <ul> <li>Vendor shall provide these services post-delivery:         <ul> <li>g) Speedy support in the fulfillment of parts                 warranties for the life of the warranty or the                 MDT specified, useful life of the vehicle</li> </ul> </li> <li>All warranties shall begin at time of delivery</li> <li>All OE chassis and component warranties shall be         retained when the vehicle construction is complete</li> <li>Failure to provide adequate warrantee support is         subject to review by the MDT</li> </ul> |    | g)                               |
| 4. | Titling  - The following information is required to be delivered to the Montana Department of Transportation:  a) Original Bill of Sale b) Odometer Disclosure c) Original Certificate of Origin (MSO) d) Original invoice from vendor (yellow form) e) Application for title f) Buyer's out of state delivery (if applicable)   | 4. | a)<br>b)<br>c)<br>d)<br>e)<br>f) |
| F  | g) Any other information needed to title the vehicle in Montana  | F  | g)                               |
| 5. | Temporary License Plate - Vehicles shall be delivered with a temporary, minimum 20 days, license plate. Prior notice must be given if the temporary tag does not meet the minimum day requirement.   | 5. |                                  |

# 5.12. MISC INFO AND TECHNICAL SPECIFICATIONS (PER EACH VEHICLE)

# INFORMATION/SPECIFICATIONS

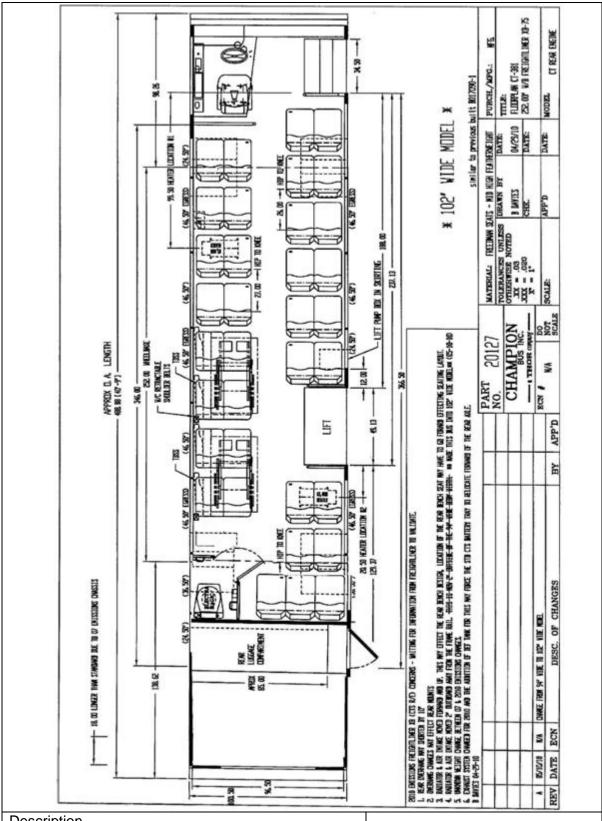
# APPROVED/INFO

|    | 31(III) (11014) 01 20II 107(110140  | , , , , | TO TESTINI     |
|----|---|---------|----------------|
| 1. | <ul> <li>Inspections</li> <li>Vehicles shall be thoroughly inspected during construction and/or upon completion to ensure that all equipment is installed and operating properly.</li> <li>Inspection time may exceed two (2) hours per vehicle</li> <li>Unit requested to be new and standard equipment unless otherwise specified. To be dealer prepared and ready to be placed into service when delivered.</li> <li>There shall be no sharp corners that will cause injury to passengers</li> <li>All material installed shall be new and free of rust</li> <li>No wires shall be visible on the exterior or interior of the unit.</li> <li>All units shall be thoroughly cleaned and weather sealed before inspection and delivery</li> <li>All signs, painted or vinyl, will be properly placed</li> <li>All holes, not used by manufacturer to install OEM equipment, will be covered with a cover or plug matching adjacent colors</li> </ul> | 1.      |                |
| 2. | <ul> <li>Delivery Extensions</li> <li>Notification must be provided as soon as possible</li> <li>Will require written proof of delay from manufacturers, transporters, vendors, and more</li> <li>Delivery extension requests are subject to review</li> </ul>  | 2.      |                |
| 3. | In Line Changes - Shall be approved in writing by the purchaser   | 3.      |                |
| 4. | <ul> <li>Labor Hours</li> <li>Per the American Reinvestment and Recovery Act (ARRA), the Federal Transit Administration requires reporting on the direct number of labor hours invested in building each individual vehicle.</li> <li>At time of delivery vendor shall provide: <ul> <li>a) Number of employees</li> <li>b) Average employee wage</li> <li>c) Total employee hours</li> </ul> </li> </ul>   | 4.      | a)<br>b)<br>c) |
| 5. | Other Information - If more space is needed, attach additional sheets   | 5.      |                |

# 5.13. FLOOR PLAN DIAGRAM

# SPECIFICATIONS

# APPROVED/INFO



# **Description**

- The passenger capacity is twenty-one (27) ambulatory adult passengers plus driver and two (2) wheelchair stations OR thirty-five (35) ambulatory adult passengers plus driver.

| - Refer to the above diagram for location of:                         |    |  |
|---|----|--|
| <ul> <li>a) Flip and slide (fore/aft) and stationary seats</li> </ul> | a) |  |
| b) Wheelchair lift and chair locations                                | b) |  |
| c) Emergency windows  | c) |  |
| d) Passenger entry door and stepwell                                  | d) |  |
| e) Rear luggage compartment and door                                  | e) |  |
| f) Rear engine  | f) |  |
| g) Modesty panels   | g) |  |
| h) Lavatory   | h) |  |
| i) Auxiliary heaters  | i) |  |
| - Do not refer to diagram for exact measurements.                     |    |  |
| NOTE: The requested vehicle exterior width is                         |    |  |
| 102".   |    |  |
|   |    |  |

# 5.14. VEHICLE OPTIONS

| SPECIFICATIONS | APPROVED/INFO |
|----------------|---------------|
|----------------|---------------|

| 1. | WIFI - Shall include a complete integrated WIFI system capable of handling 16 or more users - Shall be In Motion, WIFI Lite System or better   | 1. |  |
|----|--|----|--|
| 2. | <ul> <li>110-volt Outlets</li> <li>The first 5 rows of seats, curbside and street side shall have access to one (1) 110-volt outlet capable of charging a laptop computer</li> </ul> | 2. |  |
| 3. | Window Shades - Shall include driver and passenger side window shades. All shades shall be manually controlled.  | 3. |  |

# 6.0. ANTICIPATED DATE OF DELIVERY AGREEMENT

In the event that delivery of vehicles is not made by <u>120 working days</u>, the Department shall assess liquidated damages of \$100.00 per working day per vehicle.

In cases where the delivery of vehicles is delayed because of strikes, injunctions, governmental control, natural disasters, or by reason of any cause or circumstances beyond the control of the successful bidder, the time of deliver shall be extended by the number of days of delay resulting from such cause. The successful bidder must document delays. EXTENSIONS MUST BE REQUESTED AND GRANTED IN WRITING IN ADVANCE OF THE DELAY. In no event shall exceptions be granted after the delivery date.

Delivery notice must be given to the purchaser, five (5) working days prior to delivery. Vehicles must be clean at delivery, otherwise subject to detailing charges.

# 7.0. QUOTE SECTION

Provide and deliver F.O.B. one (1) location as specified above.

All prices shall be F.O.B., destination and shipping prepaid.

\*\*NOTE: Bidders must submit one (1) original Invitation for Bid and one (1) copy to the Purchasing Services Section.

# **GENERAL INFORMATION**

| Provide the fo | ollowing information for the mid-s | ize coach that yo | u are bidding.       |   |
|----------------|------------------------------------|-------------------|----------------------|---|
| BODY TYPE:     | : Make                             | Model             | Year                 |   |
|                | Metal body or Fiberglass body      |                   |                      |   |
|                | Ceiling Height                     | inches            |                      |   |
| FLOOR:         | Para-Transit Floor or Standard     | floor w/wheel hou | using                |   |
| CHASSIS:       | Make                               | Model             | Year                 |   |
| GVW:           | pounds                             | Wheelbase _       | inches               |   |
|                | Vehicle Length                     | feet              |                      |   |
| SEATING DE     | SIGN LAYOUT: Ambulatory sea        | ats               | Wheelchair tie downs | _ |
| LIFT/RAMP: I   | Make                               | Model             |                      |   |
| ı              | Max Canacity                       | nounds            |                      |   |

# **ADDITIONAL BID INFORMATION**

List exceptions, warranty information, and any other required information.

| EXCEPTIONS TO MINIMUM SPECIFICATIONS: List of any exceptions to the specification you wish the Purchaser to consider. Any and all exceptions to the specifications MUST be listed. If no exceptions are   |
|---|
| listed, the equipment bid will be considered to meet or exceed the specifications. If more space is needed, attach additional sheets.   |
|   |
|   |
|   |
|   |
|   |
| <u>WARRANTY INFORMATION:</u> Description of warranty including time and mileage limits for body and chassis, and a list of authorized dealerships in the local area that will have responsibility for warranty work. If more space is needed, attach additional sheets. |
|   |
|   |
|   |
|   |
| OTHER INFORMATION: If more space is needed, attach additional sheets.   |
|   |
|   |
|   |
|   |
| ANTICIPATED DATE OF DELIVERY (cannot exceed 120 working days ARO):  |
| **************************************  |

# 6.1. PRICE INFORMATION

| FOB:     | RIMROCK STAGES 5044 MIDLAND ROAD BILLINGS MT 59103             |
|----------|--|
| Cost p   | per Each 2010 35-Passenger Mid-Size Coach: \$                  |
|          | Extension for Three (3) 2010 35-Passenger Mid-Size Coaches: \$ |
| OPTIO    | DNS  |
| Cost for | or WIFI per Each Coach: \$                                     |
|          | Extension for WIFI for Three (3) Coaches: \$                   |
| Cost fo  | or 110-volt Outlets per Each Coach: \$                         |
|          | Extension for 110-volt Outlets for Three (3) Coaches: \$       |
| Cost fo  | or Window Shades per Each Coach: \$                            |
|          | Extension for Window Shades for Three (3) Coaches: \$          |
|          | **************************************                         |

# 8.0. AWARD PROCESS

Award will be on an all-or-none basis.

The Department also reserves the right to cancel the project referenced herein if cancellation is deemed to be in the Department's best interest.

# **CONDITIONS OF BID DISQUALIFICATION:**

A) Failure on the part of the Contractor to display Invitation for Bid #HWY-309727-RP on the outside of the envelope containing a sealed bid <u>will result in bid disqualification</u>.

#### 

# HAVE YOU REMEMBERED TO:

- \* Check our website for the latest addendum to the IFB
- \* Sign and return each addendum as required
- \* Properly identify return envelope
- \* Sign your bid on the front page
- \* Initial any bid changes you made
- \* Include literature as required
- \* Review and complete all requirements as listed herein to ensure compliance
- \* Sign required certification form

#### 

MDT attempts to provide accommodations for any known disability that may interfere with a person participating in any service, program or activity of the Department. Alternative accessible formats of this information will be provided upon request. For further information call Richele Parkhurst at (406) 657-0274 Voice or 1-800-335-7592 TTY or TTY (406) 444-7696.